

Drug Use Graphing Project

You will use actual information from the Center for Disease Control (CDC) in Atlanta Georgia to create graphs of drug use for high school seniors, 10th graders, and 8th graders. Each grade will be broken down into Male & Female, as well as White and Black or African American. You will graph the use of the following drugs: Inhalants, MDMA (Ecstasy), Alcohol, Cigarettes, Marijuana, and Cocaine.

You will use the data for the year 2006 from the data sheet. Use of an appropriate scale is expected. The vertical axis will be the percent who have used the drug in the last month. The horizontal axis will be seniors, 10th graders, and 8th graders in that order. There will be five bars for each grade. In order they will be All of that Grade (Red), Male (Blue), Female (Yellow), White (Green), and Black or African American (Orange). There should be space between the bars for one grade and the next, but the bars of one group should touch each other.

Use the indicated colors after each group above as the color of the bar. Use black to make the vertical and horizontal axes.

The example is of cigarette use in 2006 for the groups above.

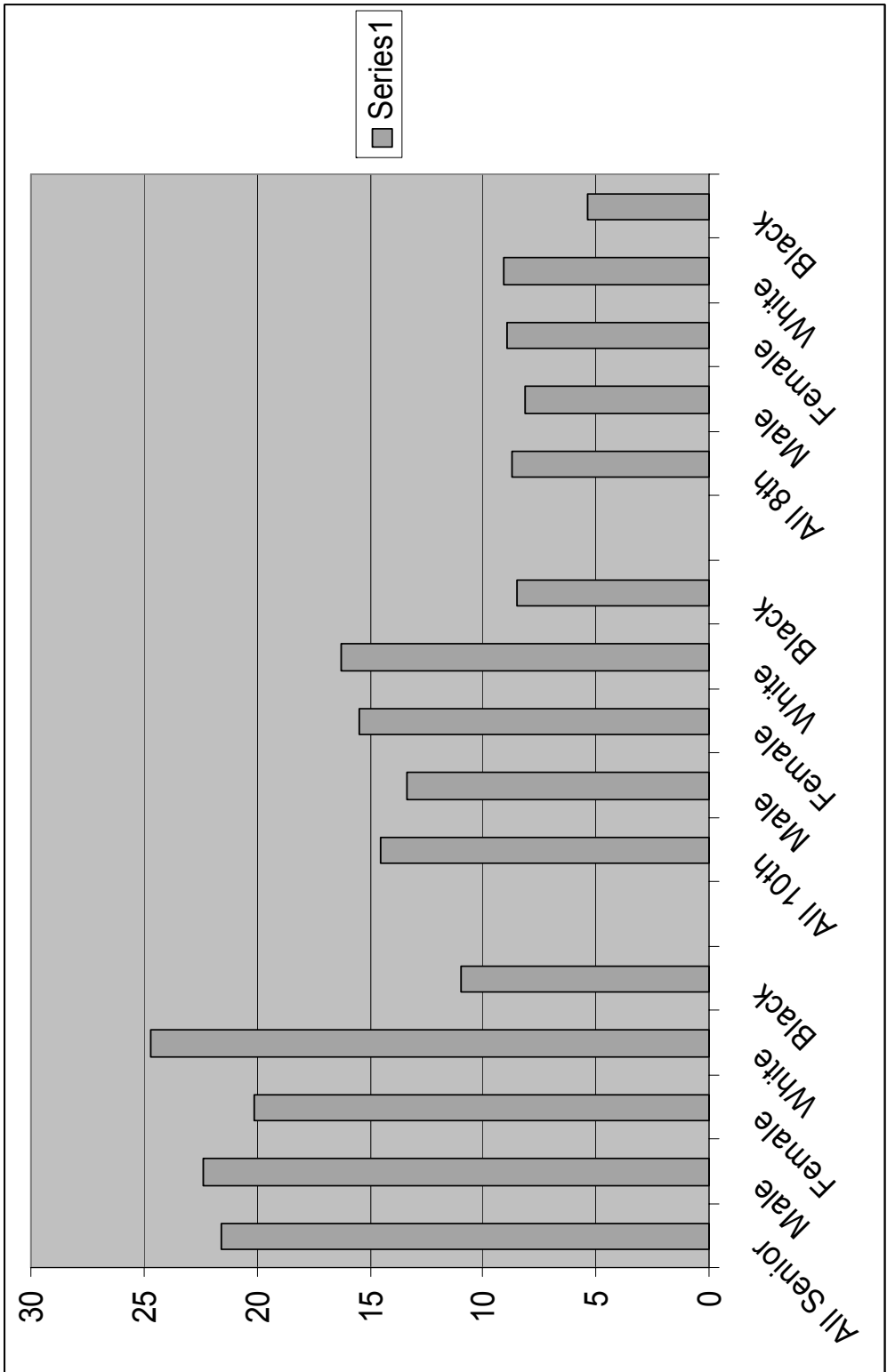


Table 67 (page 1 of 3). Use of selected substances among high school seniors, tenth-, and eighth-graders, by sex and race: United States, selected years 1980–2006

[Data are based on a survey of high school seniors, tenth-, and eighth-graders in the coterminous United States]

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<i>Substance, grade in school, sex, and race</i>	<i>1980</i>	<i>1990</i>	<i>1991</i>	<i>1995</i>	<i>2000</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>
Cigarettes									
Percent using substance in the past month									
All seniors	30.5	29.4	28.3	33.5	31.4	24.4	25.0	23.2	21.6
Male	26.8	29.1	29.0	34.5	32.8	26.2	25.3	24.8	22.4
Female	33.4	29.2	27.5	32.0	29.7	22.1	24.1	20.7	20.1
White	31.0	32.5	31.8	37.3	36.6	28.2	28.2	27.6	24.7
Black or African American	25.2	12.0	9.4	15.0	13.6	9.0	11.3	10.7	11.0
All tenth-graders	---	---	20.8	27.9	23.9	16.7	16.0	14.9	14.5
Male	---	---	20.8	27.7	23.8	16.2	16.2	14.5	13.4
Female	---	---	20.7	27.9	23.6	17.0	15.7	15.1	15.5
White	---	---	23.9	31.2	27.3	19.3	18.1	17.6	16.3
Black or African American	---	---	6.4	12.2	11.3	8.8	9.6	8.7	8.5
All eighth-graders	---	---	14.3	19.1	14.6	10.2	9.2	9.3	8.7
Male	---	---	15.5	18.8	14.3	9.6	8.3	8.7	8.1
Female	---	---	13.1	19.0	14.7	10.6	9.9	9.7	8.9
White	---	---	15.0	21.7	16.4	10.6	9.4	9.4	9.1
Black or African American	---	---	5.3	8.2	8.4	6.4	7.5	7.1	5.4
Marijuana									
All seniors	33.7	14.0	13.8	21.2	21.6	21.2	19.9	19.8	18.3
Male	37.8	16.1	16.1	24.6	24.7	24.7	23.0	23.6	19.7
Female	29.1	11.5	11.2	17.2	18.3	17.3	16.6	15.8	16.4
White	34.2	15.6	15.0	21.5	22.0	22.8	21.5	21.6	19.2
Black or African American	26.5	5.2	6.5	17.8	17.5	16.1	14.2	14.6	16.7
All tenth-graders	---	---	8.7	17.2	19.7	17.0	15.9	15.2	14.2
Male	---	---	10.1	19.2	23.3	19.0	17.4	16.7	15.7
Female	---	---	7.3	15.0	16.2	15.0	14.2	13.4	12.6
White	---	---	9.4	17.7	20.1	17.4	15.8	15.7	14.7
Black or African American	---	---	3.8	15.1	17.0	15.6	17.2	15.3	14.2
All eighth-graders	---	---	3.2	9.1	9.1	7.5	6.4	6.6	6.5
Male	---	---	3.8	9.8	10.2	8.5	6.3	7.6	6.7
Female	---	---	2.6	8.2	7.8	6.4	6.3	5.7	6.0
White	---	---	3.0	9.0	8.3	7.0	5.5	5.8	5.7
Black or African American	---	---	2.1	7.0	8.5	7.4	8.1	8.2	6.7
Cocaine									
All seniors	5.2	1.9	1.4	1.8	2.1	2.1	2.3	2.3	2.5
Male	6.0	2.3	1.7	2.2	2.7	2.6	2.9	2.6	3.0
Female	4.3	1.3	0.9	1.3	1.6	1.4	1.7	1.8	2.1
White	5.4	1.8	1.3	1.7	2.2	2.1	2.5	2.4	2.6
Black or African American	2.0	0.5	0.8	0.4	1.0	1.0	0.9	0.7	1.0
All tenth-graders	---	---	0.7	1.7	1.8	1.3	1.7	1.5	1.5
Male	---	---	0.7	1.8	2.1	1.3	1.9	1.9	1.6
Female	---	---	0.6	1.5	1.4	1.3	1.4	1.2	1.3
White	---	---	0.6	1.7	1.7	1.4	1.7	1.6	1.5
Black or African American	---	---	0.2	0.4	0.4	0.5	0.4	0.6	0.7
All eighth-graders	---	---	0.5	1.2	1.2	0.9	0.9	1.0	1.0
Male	---	---	0.7	1.1	1.3	1.0	0.8	0.9	1.0
Female	---	---	0.4	1.2	1.1	0.8	1.0	1.0	0.9
White	---	---	0.4	1.0	1.1	0.8	0.8	0.8	0.8
Black or African American	---	---	0.4	0.4	0.5	0.5	0.8	0.5	0.4

See footnotes at end of table.

Table 67 (page 2 of 3). Use of selected substances among high school seniors, tenth-, and eighth-graders, by sex and race: United States, selected years 1980–2006

[Data are based on a survey of high school seniors, tenth-, and eighth-graders in the coterminous United States]

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<i>Substance, grade in school, sex, and race</i>	<i>1980</i>	<i>1990</i>	<i>1991</i>	<i>1995</i>	<i>2000</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>
Inhalants									
Percent using substance in the past month									
All seniors	1.4	2.7	2.4	3.2	2.2	1.5	1.5	2.0	1.5
Male	1.8	3.5	3.3	3.9	2.9	2.0	1.7	2.4	1.5
Female	1.0	2.0	1.6	2.5	1.7	1.1	1.3	1.6	1.4
White	1.4	3.0	2.4	3.7	2.1	1.7	1.6	1.9	1.5
Black or African American	1.0	1.5	1.5	1.1	2.1	0.7	1.0	1.2	1.2
All tenth-graders	---	---	2.7	3.5	2.6	2.2	2.4	2.2	2.3
Male	---	---	2.9	3.8	3.0	2.3	2.4	1.9	2.2
Female	---	---	2.6	3.2	2.2	2.2	2.3	2.5	2.4
White	---	---	2.9	3.9	2.8	2.6	2.6	2.4	2.4
Black or African American	---	---	2.0	1.2	1.5	0.5	1.4	1.4	1.8
All eighth-graders	---	---	4.4	6.1	4.5	4.1	4.5	4.2	4.1
Male	---	---	4.1	5.6	4.1	3.4	4.0	3.1	3.6
Female	---	---	4.7	6.6	4.8	4.7	5.1	5.3	4.7
White	---	---	4.5	7.0	4.5	4.3	4.4	4.2	4.2
Black or African American	---	---	2.3	2.3	2.3	2.3	3.8	3.3	2.7
MDMA (Ecstasy)									
All seniors	---	---	---	---	3.6	1.3	1.2	1.0	1.3
Male	---	---	---	---	4.1	1.3	1.6	1.0	1.5
Female	---	---	---	---	3.1	1.2	0.9	1.0	1.1
White	---	---	---	---	3.9	1.3	1.2	1.1	1.4
Black or African American	---	---	---	---	1.9	0.6	1.1	1.0	0.6
All tenth-graders	---	---	---	---	2.6	1.1	0.8	1.0	1.2
Male	---	---	---	---	2.5	1.2	1.0	1.0	1.5
Female	---	---	---	---	2.5	1.1	0.6	0.9	0.8
White	---	---	---	---	2.5	1.2	0.9	0.9	1.3
Black or African American	---	---	---	---	1.8	0.7	0.1	0.2	1.0
All eighth-graders	---	---	---	---	1.4	0.7	0.8	0.6	0.7
Male	---	---	---	---	1.6	0.7	0.7	0.8	0.5
Female	---	---	---	---	1.2	0.7	0.9	0.4	0.8
White	---	---	---	---	1.4	0.7	0.6	0.6	0.5
Black or African American	---	---	---	---	0.8	0.4	1.2	1.1	0.7
Alcohol¹									
All seniors	72.0	57.1	54.0	51.3	50.0	47.5	48.0	47.0	45.3
Male	77.4	61.3	58.4	55.7	54.0	51.7	51.1	50.7	47.3
Female	66.8	52.3	49.0	47.0	46.1	43.8	45.1	43.3	43.0
White	75.8	62.2	57.7	54.8	55.3	52.0	52.5	52.3	49.1
Black or African American	47.7	32.9	34.4	37.4	29.3	29.2	29.2	29.0	29.5
All tenth-graders	---	---	42.8	38.8	41.0	35.4	35.2	33.2	33.8
Male	---	---	45.5	39.7	43.3	35.3	36.3	32.8	33.8
Female	---	---	40.3	37.8	38.6	35.3	34.0	33.6	33.8
White	---	---	45.7	41.3	44.3	38.4	37.3	37.0	36.0
Black or African American	---	---	30.2	24.9	24.7	24.0	25.4	23.0	22.4
All eighth-graders	---	---	25.1	24.6	22.4	19.7	18.6	17.1	17.2
Male	---	---	26.3	25.0	22.5	19.4	17.9	16.2	16.3
Female	---	---	23.8	24.0	22.0	19.8	19.0	17.9	17.6
White	---	---	26.0	25.4	23.9	19.9	18.6	17.9	16.5
Black or African American	---	---	17.8	17.3	15.1	16.5	16.0	14.9	12.4

See footnotes at end of table.